

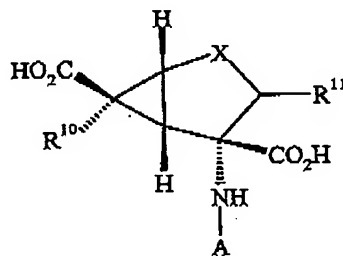
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### Amendments to the Claims

Please cancel Claims 1 through 37 submitted in the previous Preliminary Amendment on November 30, 2004. Please amend the claims as follows:

1-37. Cancelled.

38. (New): A compound of Formula I



(I)

wherein:

A is H-(Q)<sub>p</sub>;

Q is independently selected, each time taken, from the group amino acyl;

p is an integer from 1 to 10;

X is O, S, SO, SO<sub>2</sub>, or CR<sup>3</sup>R<sup>4</sup>;

R<sup>3</sup> is fluoro, X'OR<sup>5</sup>, SO<sub>3</sub>H, tetrazol-5-yl, CN, PO<sub>3</sub>R<sup>6</sup><sub>2</sub>, hydroxy, NO<sub>2</sub>, N<sub>3</sub>,

(CH<sub>2</sub>)<sub>m</sub>COOR<sup>5a</sup>, (CH<sub>2</sub>)<sub>m</sub>PO<sub>3</sub>R<sup>6a</sup><sub>2</sub>, NHCONHR<sup>5b</sup>, or NHSO<sub>2</sub>R<sup>5c</sup> and R<sup>4</sup> is hydrogen; or R<sup>3</sup>

and R<sup>4</sup> each represent fluoro; or R<sup>3</sup> and R<sup>4</sup> together represent =O, =NOR<sup>7</sup>, =CR<sup>8</sup>R<sup>9</sup>,

=CHCOOR<sup>5b</sup>, =CHPO<sub>3</sub>R<sup>6a</sup><sub>2</sub>, or =CHCN; or one of R<sup>3</sup> or R<sup>4</sup> represents amino and the other represents carboxyl;

X' represents a bond, CH<sub>2</sub>, or CO;

m is an integer from 1 to 3;

R<sup>5</sup>, R<sup>5a</sup>, R<sup>5b</sup>, R<sup>5c</sup>, R<sup>7</sup>, R<sup>8</sup>, and R<sup>9</sup> are independently a hydrogen atom; an optionally substituted (1-6C) alkyl group; an optionally substituted (2-6C) alkenyl group; an optionally substituted (2-6C) alkynyl group; an optionally substituted aromatic group; an optionally substituted heteroaromatic group; a non-aromatic carbocyclic group; a non-aromatic heterocyclic group; a non-aromatic monocyclic carbocyclic group fused with one or two monocyclic aromatic

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or heteroaromatic groups; or a non-aromatic monocyclic heterocyclic group fused with one or two monocyclic aromatic or heteroaromatic groups;

$R^6$  and  $R^{6a}$  independently represent hydrogen or a (1-6C)alkyl group;

$R^{10}$  is hydrogen or fluoro; and

$R^{11}$  is hydrogen, fluoro, or hydroxy;

or a pharmaceutically acceptable salt thereof.

39. (New): A compound or salt according to Claim 38, provided that the compound or salt is not one in which X is  $CR^3R^4$  wherein  $R^3$  is fluoro and  $R^4$  is hydrogen, p is 1, and Q is L-alanyl; or a pharmaceutically acceptable salt thereof.

40. (New): A compound or salt according to Claim 38 wherein

A is  $H-(Q)_p$ ;

Q is independently selected, each time taken, from the group amino acyl;

p is an integer from 1 to 3;

X is O, S, SO,  $SO_2$ , or  $CR^3R^4$ ;

$R^3$  is fluoro or hydroxy, and  $R^4$  is hydrogen; or  $R^3$  and  $R^4$  together represent =O;

$R^{10}$  is hydrogen or fluoro; and

$R^{11}$  is hydrogen, fluoro, or hydroxy.

41. (New): A compound or salt according to Claim 39 wherein

A is  $H-(Q)_p$ ;

Q is independently selected, each time taken, from the group amino acyl;

p is an integer from 1 to 3;

X is O, S, SO,  $SO_2$ , or  $CR^3R^4$ ;

$R^3$  is fluoro or hydroxy, and  $R^4$  is hydrogen; or  $R^3$  and  $R^4$  together represent =O;

$R^{10}$  is hydrogen or fluoro; and

$R^{11}$  is hydrogen, fluoro, or hydroxy.

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42. (New): A compound or salt according to Claim 38 wherein Q is an amino acyl derived from a natural amino acid.

43. (New): A compound or salt according to Claim 39 wherein Q is an amino acyl derived from a natural amino acid.

44. (New): A compound or salt according to Claim 40 wherein Q is an amino acyl derived from a natural amino acid.

45. (New): A compound or salt according to Claim 41 wherein Q is an amino acyl derived from a natural amino acid.

46. (New): A compound or salt according to any one of Claims 38-45 wherein X is SO<sub>2</sub>.

47. (New): A compound or salt according to any one of Claims 38-45 wherein X is CR<sup>3</sup>R<sup>4</sup>, R<sup>3</sup> is fluoro, and R<sup>4</sup> is hydrogen.

48. (New): A compound or salt according to any one of Claims 38-45 wherein X is CR<sup>3</sup>R<sup>4</sup>, R<sup>3</sup> is hydroxy, and R<sup>4</sup> is hydrogen.

49. (New): A pharmaceutically acceptable salt according to Claim 38 that is an acid-addition salt made with an acid which provides a pharmaceutically acceptable anion; a base-addition salt made with a base which provides a pharmaceutically acceptable anion for a compound which contains an acidic moiety; or a zwitterionic compound which contains oppositely charged groups.

50. (New): A compound according to Claim 38 wherein

A is H-(Q)<sub>p</sub><sup>-</sup>;

Q is L-alanyl;

p is 1;

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X is SO<sub>2</sub> or CR<sup>3</sup>R<sup>4</sup>;

R<sup>3</sup> is fluoro and R<sup>4</sup> is hydrogen;

R<sup>10</sup> is hydrogen; and

R<sup>11</sup> is hydrogen;

or the hydrochloride salt, tosylate salt, mesylate salt, esylate salt, besylate salt, or monosodium salt thereof.

51. (New): The pharmaceutically acceptable salt according to Claim 50 which is (1*R*,4*S*,5*S*,6*S*)-4-(2'*S*-Aminopropionyl)amino]-2,2-dioxo-2λ<sup>6</sup>-thia-bicyclo[3.1.0]hexane-4,6-dicarboxylic acid hydrochloride or (1*R*,4*S*,5*S*,6*S*)-4-(2'*S*-2'-Aminopropionyl)amino-2,2-dioxo-2λ<sup>6</sup>-thia-bicyclo[3.1.0]hexane-4,6-dicarboxylic acid tosylate.

52. (New): The compound according to Claim 38 which is (1*R*,4*S*,5*S*,6*S*)-4-(2'*S*-4'-methylthio-2'-aminobutanonyl)amino-2,2-dioxo-2λ<sup>6</sup>-thia-bicyclo[3.1.0]hexane-4,6-dicarboxylic acid or a pharmaceutically acceptable salt thereof.

53. (New): The compound according to Claim 52 which is (1*R*,4*S*,5*S*,6*S*)-4-(2'*S*-4'-methylthio-2'-aminobutanonyl)amino-2,2-dioxo-2λ<sup>6</sup>-thia-bicyclo[3.1.0]hexane-4,6-dicarboxylic acid monohydrate.

54. (New): The pharmaceutically acceptable salt according to Claim 38 that is 1*S*,2*S*,4*S*,5*R*,6*R*-2-(2'*S*-aminopropionyl)amino-4-hydroxy-bicyclo[3.1.0]hexane-2,6-dicarboxylic acid hydrochloride.

55. (New): A compound according to Claim 38 wherein

A is H-(Q)<sub>p</sub>;

Q is L-alanyl;

p is 1;

X is CR<sup>3</sup>R<sup>4</sup>;

R<sup>3</sup> is fluoro and R<sup>4</sup> is hydrogen;

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R<sup>10</sup> is hydrogen; and

R<sup>11</sup> is hydrogen;

or a pharmaceutically acceptable salt thereof.

56. (New): The compound or salt according to Claim 55 which is selected from the group consisting of:

- a) 1*R*,2*S*,4*R*,5*R*,6*R*-2-(2'*S*-2'-Aminopropionyl)amino-4-fluorobicyclo[3.1.0]hexane-2,6-dicarboxylic acid hydrochloride;
- b) 1*R*,2*S*,4*R*,5*R*,6*R*-2-(2'*S*-2'-Aminopropionyl)amino-4-fluorobicyclo[3.1.0]hexane-2,6-dicarboxylic acid mesylate;
- c) 1*R*,2*S*,4*R*,5*R*,6*R*-2-(2'*S*-2'-Aminopropionyl)amino-4-fluorobicyclo[3.1.0]hexane-2,6-dicarboxylic acid esylate;
- d) 1*R*,2*S*,4*R*,5*R*,6*R*-2-(2'*S*-2'-Aminopropionyl)amino-4-fluorobicyclo[3.1.0]hexane-2,6-dicarboxylic acid besylate;
- e) 1*R*,2*S*,4*R*,5*R*,6*R*-2-(2'*S*-2'-Aminopropionyl)amino-4-fluorobicyclo[3.1.0]hexane-2,6-dicarboxylic acid tosylate;
- f) 1*R*,2*S*,4*R*,5*R*,6*R*-2-(2'*S*-2'-Aminopropionyl)amino-4-fluorobicyclo[3.1.0]hexane-2,6-dicarboxylic acid; and
- g) 1*R*,2*S*,4*R*,5*R*,6*R*-2-(2'*S*-2'-Aminopropionyl)amino-4-fluorobicyclo[3.1.0]hexane-2,6-dicarboxylic monosodium salt.

57. (New): The pharmaceutically acceptable salt according to Claim 56 which is 1*R*,2*S*,4*R*,5*R*,6*R*-2-(2'*S*-2'-Aminopropionyl)amino-4-fluorobicyclo[3.1.0]hexane-2,6-dicarboxylic acid mesylate.

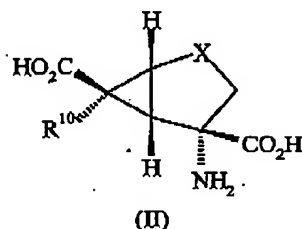
58. (New): The pharmaceutically acceptable salt according to Claim 57 which is (1*R*,2*S*,4*R*,5*R*,6*R*)-2-(2'*S*-2'-aminopropionyl)amino-4-fluoro-bicyclo[3.1.0]hexane-2,6-dicarboxylic acid mesylate monohydrate.

59. (New): A process for preparing a compound of Formula I, or a pharmaceutically acceptable salt thereof, as claimed in Claim 38 comprising acylating a compound of formula (ii)



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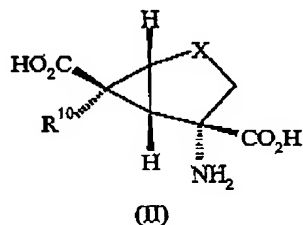
62. (New): A method of administering an effective amount of a compound of Formula II,



wherein  $\text{X}$  and  $\text{R}^{10}$  are defined as in Claim 38,

which comprises administering to a patient requiring modulated excitatory amino acid neurotransmission a pharmaceutically effective amount of a compound of Claim 38.

63. (New): A method of administering an effective amount of a compound of Formula II,



wherein  $\text{X}$  and  $\text{R}^{10}$  are defined as in Claim 39,

which comprises administering to a patient requiring modulated excitatory amino acid neurotransmission a pharmaceutically effective amount of a compound of Claim 39.

64. (New): A method for treating a neurological disorder in a patient which comprises administering to the patient in need of treatment thereof a pharmaceutically-effective amount of a compound of Claim 38.

65. (New): A method for treating a neurological disorder in a patient which comprises administering to the patient in need of treatment thereof a pharmaceutically-effective amount of a compound of Claim 39.

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66. (New): The method of Claim 64 wherein said neurological disorder is cerebral deficits subsequent to cardiac bypass and grafting; cerebral ischemia; spinal cord trauma; head trauma; Alzheimer's Disease; Huntington's Chorea; amyotrophic lateral sclerosis; AIDS-induced dementia; perinatal hypoxia; hypoglycemic neuronal damage; ocular damage and retinopathy; cognitive disorders; idiopathic and drug-induced Parkinson's Disease; muscular spasms; migraine headaches; urinary incontinence; drug tolerance, withdrawal, cessation, and craving; smoking cessation; emesis; brain edema; chronic pain; sleep disorders; convulsions; Tourette's syndrome; attention deficit disorder; and tardive dyskinesia.

67. (New): The method of Claim 65 wherein said neurological disorder is cerebral deficits subsequent to cardiac bypass and grafting; cerebral ischemia; spinal cord trauma; head trauma; Alzheimer's Disease; Huntington's Chorea; amyotrophic lateral sclerosis; AIDS-induced dementia; perinatal hypoxia; hypoglycemic neuronal damage; ocular damage and retinopathy; cognitive disorders; idiopathic and drug-induced Parkinson's Disease; muscular spasms; migraine headaches; urinary incontinence; drug tolerance, withdrawal, cessation, and craving; smoking cessation; emesis; brain edema; chronic pain; sleep disorders; convulsions; Tourette's syndrome; attention deficit disorder; and tardive dyskinesia.

68. (New): The method of Claim 66 or 67 wherein said neurological disorder is drug tolerance, withdrawal, cessation, and craving; or smoking cessation.

69. (New): A method for treating a psychiatric disorder in a patient which comprises administering to the patient in need of treatment thereof a pharmaceutically-effective amount of a compound of Claim 38.

70. (New): A method for treating a psychiatric disorder in a patient which comprises administering to the patient in need of treatment thereof a pharmaceutically-effective amount of a compound of Claim 39.



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71. (New): The method of claim 69 wherein said psychiatric disorder is schizophrenia, anxiety and related disorders, depression, bipolar disorders, psychosis, and obsessive compulsive disorders.

72. (New): The method of claim 70 wherein said psychiatric disorder is schizophrenia, anxiety and related disorders, depression, bipolar disorders, psychosis, and obsessive compulsive disorders.

73. (New): The method according to any one of Claims 71 or 72 wherein said psychiatric disorder is anxiety and related disorders.

74. (New): A pharmaceutical formulation comprising in association with a pharmaceutically acceptable carrier, diluent or excipient, a compound of Formula I, or a pharmaceutically acceptable salt thereof.